

limiting phrase "metal structure comprising a metal having a melting temperature above 660°C"  
of independent claim 7. The Applicants refer to page 4, lines 2-7 where it reads "Then molten  
aluminum is poured into the mold. However, Lee's method only works for metals having low  
melting temperatures. Embedding a fiber optic sensor in a metal structure having high melting  
5 temperature will decay the fiber, thus damages the sensor."

Accordingly, Applicants respectfully request that the restriction/election requirement be  
reconsidered and withdrawn and all pending Claims of Group II and Group III be examined.

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Respectfully submitted,



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## FAX COVER SHEET

Total Pages (including cover): 3

Date: 10/9/02

From: Ron Jacobs

To: Examiner Spears, Eric J.

Your Fax: 703-872-9318

Re: 09/597,966, S00-042

Memo: The Response to Election is enclosed herewith.

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## IN THE US PATENT AND TRADEMARK OFFICE

In re Application of:

5 Xiaochun Li

Art Unit: 2878

Serial No: 09/597,966

Examiner: Spears, Eric J.

Filed: 06/20/2000

For: Embedded sensor, Method for producing, and remote temperature/strain fiber optic sensing System

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RESPONSE TO ELECTION/RESTRICTION REQUIREMENT

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Sir:

In response to an Office Action mailed on September 10, 2002, and in accordance with  
35 37 CFR 1.143, applicants hereby provisionally elect Group III invention for prosecution on the merits.

**REQUEST TO RECONSIDER UNDER 37 CFR 1.143**

Applicants hereby respectfully traverse the election/restriction requirement. The  
40 Applicants hold that Claims of Group II and Group III are not distinct since the products as claimed in Group III cannot be made by another and materially different process as the process claimed in Group II. Particularly, the products claimed in Group III cannot be made by metal molding as is exemplarily cited by the Examiner. In that context the Applicants refer to the